

Semantic Book Club

To install the semantic book club you need to go through the following steps:

- Creating the virtual environment
- Installing the dependencies
- Running the web system
- Initialising it

Creating the virtual environmenet

The virtual environment can be created using virtualenv. This is an optional step but it allows to avoid having python library installed system wide. This can be annoying in some cases, for instance if you want to have two incompatible versions of the same software / library.

Here is how to create a virtualenv named "bookclub":

```
$ mkvirtualenv bookclub
```

Then, all your prompts will be prefixed by (bookclub)

Installing the dependencies

The Semantic Book Club have several dependencies, both python and non python. To install the python dependencies, you can run:

```
$ pip install -r requirements.txt
```

The only non python dependency is berkley DB, wich is used as a backend for a pure python triple store.

On debian based systems, you can install it by doing:

```
$ apt-get install libdb4.8
```

Running the application

To run the application, go to the *app* directory and run:

```
$ python web.py
```

You can then open your browser at localhost:5000

Populate

The first time, you need to populate the book club with some data. You can do so by going to the <http://localhost:5000/populate> URL.